

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Canceled)
2. (Currently amended) The electric motor ~~as claimed in of~~ claim 10, ~~characterized in that~~ wherein the temperature-resistant elastic material is a silicone rubber.
3. (Currently amended) The electric motor ~~as claimed in of~~ claim 2, ~~characterized in that~~ wherein the cooling system is configured to allow air ~~flows to flow~~ around the winding heads ~~[(4)]~~ which ~~are protected by the~~ material (4a).
4. (Currently amended) The electric motor ~~as claimed in one of claims 1 to 3~~ claim 10, characterized in that wherein the stator is constructed with cooling bores through which the cooling air flows through cooling bores (6) ~~provided in the stator (1)~~.
5. (Currently amended) The electric motor ~~as claimed in one of claims 1 to 4~~ claim 10, characterized in that further comprising a motor housing, said stator being connected to the motor housing by webs, with the cooling air flows through the electric motor flowing between the motor housing and the stator (1), ~~which are connected to one another by means of webs~~.
6. (Currently amended) The electric motor ~~as claimed in one of claims 1 to 5~~ claim 10, characterized in that wherein the grooves ~~[(3)]~~ have are lined with a groove side insulation ~~[(11)]~~ formed from a material containing mica.

7. (Currently amended) The electric motor as claimed in one of claims 1 to 6, claim 10, characterized in that wherein the insulation (12) of the round wires (7) is composed of one or more includes at least one high-temperature thermoplasts thermoplast which are applied by extrusion.
8. (Currently amended) The electric motor as claimed in one of claims 1 to 6, claim 10, characterized in that wherein the insulation (12) of the round wires (7) is composed of one or more includes at least one layers layer of polyimide film.
9. (Canceled)
10. (New) An electric motor for a drive of a vehicle, comprising:
 - a rotor;
 - a stator formed from a laminated core and provided with grooves for arrangement of at least one winding ending in winding heads; and
 - a cooling system for circulating cooling air through the electric motor, wherein the winding is formed from round wires which are each embraced by an insulation, and the winding heads are embedded in a temperature-resistant elastic material for protection against external influences, so that the electric motor satisfies at least the requirements of thermal class 200.
11. (New) A drive, in particular for a vehicle, comprising an electric motor which includes a rotor, a stator formed from a laminated core and provided with grooves for arrangement of at least one winding ending in winding heads, and a cooling system for circulating cooling air through the electric motor, wherein the winding is formed from round wires which are each embraced by an insulation, and the winding heads are embedded in a temperature-resistant elastic material for protection against external influences, so that the electric motor satisfies at least the requirements of thermal class 200.